

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

L Number	Hits	Search Text	DB	Time stamp
3	0	2002/0114224.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/23 09:37
4	2	20020114224.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/23 09:40
5	35	load with data with increas\$3 with delay with transmi\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/23 11:19
6	10	load with data with increas\$3 with delay with transmi\$5 with capacit\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/23 11:22
7	1	data with (increas\$3 adj load) with delay\$1 with transmi\$5 with capacit\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/23 11:23
-	2	20040019844.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 09:48
-	281	714/798.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 09:48
-	1	(714/798.ccls.) and (clock adj speed) and (data with transmi\$5 with rece\$5 with ((integrated adj circuit) or IC))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 09:55
-	57	(clock adj speed) and (data with transmi\$5 with rece\$5 with ((integrated adj circuit) or IC))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 09:56
-	2	(clock adj speed) and (tim\$3 with data with transmi\$5 with rece\$5 with ((integrated adj circuit) or IC)) and (clock with generat\$3) and monitor\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 10:00
-	18	(clock adj speed) and (data with transmi\$5 with rece\$5 with ((integrated adj circuit) or IC)) and (clock with generat\$3) and monitor\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 10:00
-	2	(clock adj speed) and (data with transmi\$5 with rece\$5 with ((integrated adj circuit) or IC)) and (clock with generat\$3) and monitor\$3 and (timing with data with signal) and (detect\$3 with fail\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 10:01
-	3	(clock adj speed) and (data with transmi\$5 with rece\$5 with ((integrated adj circuit) or IC)) and (clock with generat\$3) and monitor\$3 and (timing with data with signal)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 10:02

-	39	(adjust\$3 or alter\$3) with clock with speed with ((integrated adj circuit) or IC)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 10:03
-	16	((adjust\$3 or alter\$3) with clock with speed with ((integrated adj circuit) or IC)) and (clock adj generat\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 10:04
-	5	((adjust\$3 or alter\$3) with clock with speed with ((integrated adj circuit) or IC)) and (clock adj generat\$3) and (data with transmi\$5 with rece\$5) and fail\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 10:06
-	2	((adjust\$3 or alter\$3) with clock with speed with ((integrated adj circuit) or IC)) and (clock adj generat\$3) and (data with transmi\$5 with rece\$5) and fail\$3 and monitor\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 10:06
-	3	((adjust\$3 or alter\$3) with clock with speed with ((integrated adj circuit) or IC)) and (clock adj generat\$3) and (data with transmi\$5 with rece\$5) and monitor\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 10:10
-	1	((adjust\$3 or alter\$3) with clock with speed with ((integrated adj circuit) or IC)) and (clock adj generat\$3) and (data with transmi\$5 with rece\$5 with timing) and monitor\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 10:10
-	7	((adjust\$3 or alter\$3) with clock with speed with ((integrated adj circuit) or IC)) and (clock adj generat\$3) and (data with transmi\$5 with rece\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 11:51
-	2	((adjust\$3 or alter\$3) with clock with speed with ((integrated adj circuit) or IC)) and (clock adj generat\$3) and (tim\$3 with data with transmi\$5 with rece\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 10:17
-	3	((adjust\$3 or alter\$3) with clock with speed with ((integrated adj circuit) or IC)) and (clock adj generat\$3) and (data with signal with timing) and monitor\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 11:55
-	1	((adjust\$3 or alter\$3) adj clock) with speed with ((integrated adj circuit) or IC)) and (clock adj generat\$3) and (data with signal with timing) and monitor\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 11:56
-	1	((adjust\$3 or alter\$3) adj clock) with speed with ((integrated adj circuit) or IC)) and (clock adj generat\$3) and (data with signal with timing)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 11:56
-	1	((adjust\$3 or alter\$3) adj clock) with speed with ((integrated adj circuit) or IC)) and (clock adj generat\$3) and (data with signal with fail\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 11:57
-	1	((adjust\$3 or alter\$3) adj clock) with speed with ((integrated adj circuit) or IC)) and (clock adj generat\$3) and (detect\$3 with fail\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 11:58
-	5	((adjust\$3 or alter\$3) adj clock) with speed with ((integrated adj circuit) or IC)) and (clock adj generat\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 14:54

-	2	((adjust\$3 or alter\$3) adj clock adj speed) with ((integrated adj circuit) or IC)) and (clock adj generat\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 12:01
-	3	((adjust\$3 or alter\$3) adj clock adj speed) with ((integrated adj circuit) or IC))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 12:02
-	105	((adjust\$3 or alter\$3) adj clock) with ((integrated adj circuit) or IC))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 12:02
-	18	((adjust\$3 or alter\$3) adj clock) with ((integrated adj circuit) or IC)) and ((clock adj generat\$3) with ((integrated adj circuit) or IC)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 12:04
-	2	((integrated adj circuit) or IC) with (clock adj generat\$3)) and (data with transmi\$5 with rece\$5) and (fail\$3 with transmi\$5 with data with detec\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 15:02
-	3	((integrated adj circuit) or IC) with (clock adj generat\$3)) and (fail\$3 with transmi\$5 with data with detec\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 15:21
-	13	((integrated adj circuit) or IC) with fail\$3 with transmi\$5 with data with detec\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 15:34
-	1	((integrated adj circuit) or IC) with fail\$3 with transmi\$5 with data with detec\$4) and ECC and (error with check)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 16:09
-	1	((integrated adj circuit) or IC) with fail\$3 with transmi\$5 with data with detec\$4) and (error with correction with signal with generat\$3) and (error with check)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 15:42
-	2	((integrated adj circuit) or IC) with fail\$3 with transmi\$5 with data with detec\$4) and (error with check)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 16:07
-	7	((integrated adj circuit) or IC) with (ECC or (error adj correct\$3)) with generat\$3) and (ECC with check)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 16:16
-	0	((integrated adj circuit) or IC) with (ECC or (error adj correct\$3)) with trasmi\$5) and (ECC with check)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 16:16
-	2	((integrated adj circuit) or IC) with (ECC or (error adj correct\$3)) with transmi\$5) and (ECC with check)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 16:42
-	19	clock with speed with ECC	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 16:46

-	3	clock with speed with ECC with IC	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 16:47
-	98	("6104331" "6175459" "6535955" "6594794" "6158039" "5740188" "4488222" "5396239" "5838511" "5872790" "5922080" "4456996" "5274646" "5438559" "5500848" "5510903" "5615190" "5701313" "5832001" "5867444" "5987630" "3809884" "4003086" "4360891" "4758992" "4852100" "4868690" "4901228" "5068858" "5220295" "5241546" "5361266" "5369533" "5379415" "5388087" "5390195" "5414722" "5428627" "5442638" "5465261" "5467331" "5469420" "5471351" "5490260" "5495458" "5502573" "5517631" "5537148" "5553231" "5559765") .pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 09:32

-	6	("6104331" "6175459" "6535955" "6594794" "6158039" "5740188" "4488222" "5396239" "5838511" "5872790" "5922080" "4456996" "5274646" "5438559" "5500848" "5510903" "5615190" "5701313" "5832001" "5867444" "5987630" "3809884" "4003086" "4360891" "4758992" "4852100" "4868690" "4901228" "5068858" "5220295" "5241546" "5361266" "5369533" "5379415" "5388087" "5390195" "5414722" "5428627" "5442638" "5465261" "5467331" "5469420" "5471351" "5490260" "5495458" "5502573" "5517631" "5537148" "5553231" "5559765").pn.) and (clock with speed) and (data with transmi\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 09:26
---	---	--	---	---------------------

-	2	("6104331" "6175459" "6535955" "6594794" "6158039" "5740188" "4488222" "5396239" "5838511" "5872790" "5922080" "4456996" "5274646" "5438559" "5500848" "5510903" "5615190" "5701313" "5832001" "5867444" "5987630" "3809884" "4003086" "4360891" "4758992" "4852100" "4868690" "4901228" "5068858" "5220295" "5241546" "5361266" "5369533" "5379415" "5388087" "5390195" "5414722" "5428627" "5442638" "5465261" "5467331" "5469420" "5471351" "5490260" "5495458" "5502573" "5517631" "5537148" "5553231" "5559765").pn.) and (clock with speed) and (data with transmi\$5) and ((integrated adj circuit) or IC)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 09:27
---	---	--	---	---------------------

-	20	("6104331" "6175459" "6535955" "6594794" "6158039" "5740188" "4488222" "5396239" "5838511" "5872790" "5922080" "4456996" "5274646" "5438559" "5500848" "5510903" "5615190" "5701313" "5832001" "5867444" "5987630" "3809884" "4003086" "4360891" "4758992" "4852100" "4868690" "4901228" "5068858" "5220295" "5241546" "5361266" "5369533" "5379415" "5388087" "5390195" "5414722" "5428627" "5442638" "5465261" "5467331" "5469420" "5471351" "5490260" "5495458" "5502573" "5517631" "5537148" "5553231" "5559765").pn.) and clock and ((integrated adj circuit) or IC)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 09:34
---	----	---	---	---------------------

-	19	("6104331" "6175459" "6535955" "6594794" "6158039" "5740188" "4488222" "5396239" "5838511" "5872790" "5922080" "4456996" "5274646" "5438559" "5500848" "5510903" "5615190" "5701313" "5832001" "5867444" "5987630" "3809884" "4003086" "4360891" "4758992" "4852100" "4868690" "4901228" "5068858" "5220295" "5241546" "5361266" "5369533" "5379415" "5388087" "5390195" "5414722" "5428627" "5442638" "5465261" "5467331" "5469420" "5471351" "5490260" "5495458" "5502573" "5517631" "5537148" "5553231" "5559765").pn.) and clock and ((integrated adj circuit) or IC) and (error adj correct\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 10:46
---	----	---	---	---------------------

-	0	(("6104331" "6175459" "6535955" "6594794" "6158039" "5740188" "4488222" "5396239" "5838511" "5872790" "5922080" "4456996" "5274646" "5438559" "5500848" "5510903" "5615190" "5701313" "5832001" "5867444" "5987630" "3809884" "4003086" "4360891" "4758992" "4852100" "4868690" "4901228" "5068858" "5220295" "5241546" "5361266" "5369533" "5379415" "5388087" "5390195" "5414722" "5428627" "5442638" "5465261" "5467331" "5469420" "5471351" "5490260" "5495458" "5502573" "5517631" "5537148" "5553231" "5559765").pn.) and (data adj transmi\$5) with (IC or (integrated adj circuit)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 10:47
-	2847	(data adj transmi\$5) with (IC or (integrated adj circuit))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 10:48
-	1	(data adj transmi\$5) with (IC or (integrated adj circuit)) with timing with monitor\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 11:42
-	16	(data adj transmi\$5) with (IC or (integrated adj circuit)) with timing with clock	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 10:58
-	3	((data adj transmi\$5) with (IC or (integrated adj circuit)) with timing with clock) and (data with transmi\$5 with (fail\$3 or error))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 11:06

-	6	((data adj transmi\$5) with (IC or (integrated adj circuit)) with timing) and (data with IC with transmi\$5 with (fail\$3 or error))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 11:06
-	76	(data adj transmi\$5) with (IC or (integrated adj circuit)) with timing	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 11:50
-	195	(clock adj speed) with data with transmi\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 11:43
-	16	(data adj transmi\$5) with (IC or (integrated adj circuit)) with timing with clock	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 12:34
-	2	6509788.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 14:00
-	0	(clock adj generator) with multiplexor with taps with (adjust\$3 or alter\$3) with speed	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 14:01
-	1	(clock adj generator) with multiplexor with taps with (adjust\$5 or alter\$5) with speed	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 14:04
-	1	(clock adj generator) with multiplexor with taps with speed	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 14:03
-	1	(clock adj generator) with multiplexor with taps	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 14:04
-	1	(clock adj generator) with multiplexor with (adjust\$5 or alter\$5 or chang\$3) with speed	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 14:05
-	6	(clock adj generator) with multiplexor with speed	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 14:08
-	91	(clock adj generator) with multiplexor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 14:08
-	0	(clock adj generator) adj comprises adj multiplexor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 14:08
-	0	(clock adj generator) adj comprises adj multiplex\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 14:09

-	91	(clock adj generator) with multiplexor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 14:14
-	3	(clock adj generator) adj multiplexor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 14:59
-	2	6748567.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 15:54
-	1	(random adj data) with IC with transmi\$5 with (error\$1 or fail\$3 or test\$3 or verify\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 17:39
-	1	(random adj number adj generator) with seed with generat\$3 with (unique adj random adj data)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 17:41
-	8	(random adj number adj generator) with seed with generat\$3 with (random adj data)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/23 09:37